



HT200e

Stand-Alone Printer



QUICK GUIDE

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Getting Started

Your HT200e Printer has been checked and tested before despatch to you. The contents of the packaging have been checked and are listed below.

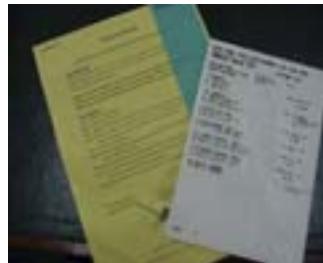
Printer unit



Label roll holder
& mains lead



Cleaning sheet
& check label



Your printer has been designed and built to the highest standards Please take time to read this booklet in order to not only get the best use from it but also to ensure that you continue to get satisfaction for many years to come.

Users are advised that optimum results are usually obtained by the use of SATO approved media.

Power Supply

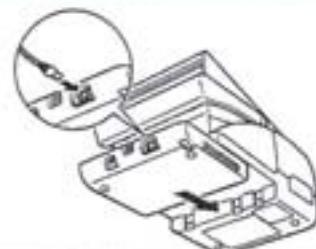
Your printer has been supplied with the mains power supply unit installed. You will see that it has a supply cable that plugs into the end of the power supply as shown. Alternatively there is an optional battery pack.

Mains Electrical Connection

1

Connection of the Power Supply to the Main Unit

Set the Power Supply to the groove of the main unit.



2

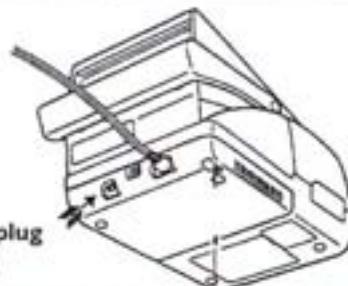
Insert it by sliding forward until you hear it click.

To remove it, push the lug of the power supply down and slide towards you.



CAUTION

Do not attempt to remove the black plug
Doing so invalidates the warranty



3

Connection on the Wall Outlet side

Insert the power supply plug into the wall outlet.

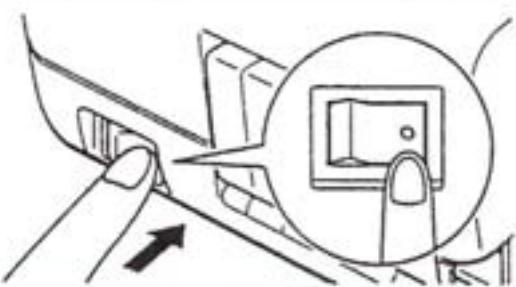
After inserting power supply plug into the wall outlet.

4

Power Switch

Turn on the power switch.

In the initial setting step, set the power source to the Power Supply.



CAUTION

After prolonged use the power supply may become warm.
This is normal after five or six rolls of labels have been
printed continuously.

Battery Pack Connection

If you want to use the printer where no wall outlet is available, connect the optional battery pack.

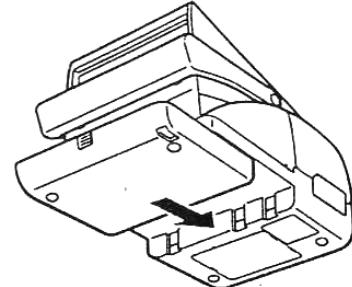
IMPORTANT!

1. Charge the battery pack before using it for the first time.

Installation of Battery Pack

1

Set the battery pack to the groove of the main unit.

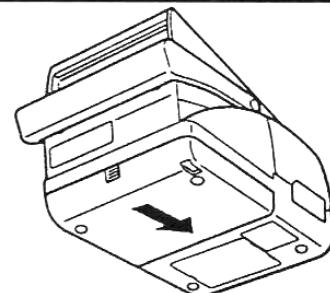


2

Insert it by sliding forward until you hear it click.



To remove it, push the lug of the battery pack down and slide towards you.

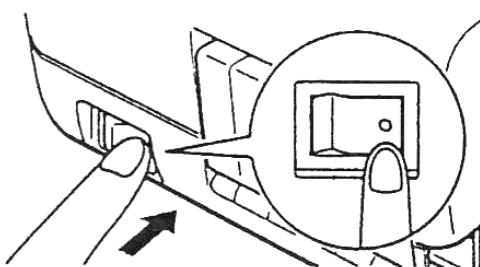


3

Turn on the power switch.

This printer has a function that power is

automatically turned off if operation is not performed for five minutes or more after the power switch is turned on. (Auto Power Off Function). This function must be set to minimize battery consumption.



CAUTION ABOUT BATTERY PACK

- When you do not use this equipment for a long time, charge it once or twice every 3 months. This will minimize battery consumption.
- When you do not use this equipment, be sure to turn off the switch. This will minimize battery consumption.
- The battery can be used at the normal temperature by repeating charging about 300 times. After repeating charging about 300 times, the label will not be issued or the number of labels issued will be reduced. In this case replace by a new one.
- The number of labels issued will be changed according to charging or temperature. When the equipment is used at the normal temperature, the number of labels issued will be about 4000 (5 rolls) in the case of labels with are 25mm(pitch) x 32mm(width).

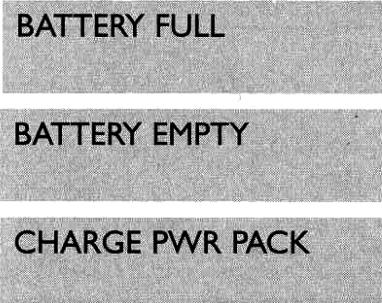
Battery Pack Connection

Charging the Battery Pack

The output voltage of the battery pack is reduced as it is being used. Reduced output voltage will lead to reduction in the number of labels to be issued, or will disable the label to be issued.

The battery must be charged if the following screen appears when the power of this equipment has turned on or during issue of labels

Screen indicating the remaining battery power



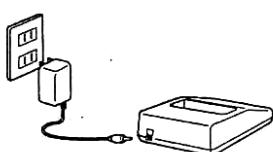
- The battery is fully charged.
- Charge the battery . It is getting empty
- To start printing, charge the battery.
(The buzzer will sound for several seconds, and power will be turned off automatically in several minutes.)

1 Turn off the power of the main unit

2 Remove the battery pack from the main unit.



To remove it, push the lug of the battery pack, and slide it towards you.



3 Prepare the battery charger (optional)

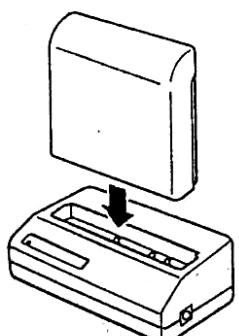
- Insert the battery charger DC plug into the main unit of the battery charger.
- Insert the battery charger power plug into the outlet.

4 Set battery pack to the battery charger

- When the battery pack is set, the battery charger lamp will light up in red.
- Charging time is about 150 minutes when fully charged, though it may vary according to battery conditions.

IMPORTANT!

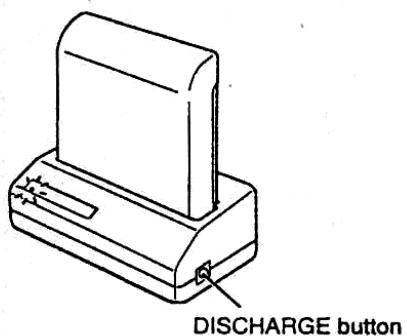
If the battery charger lamp flashes on and off in red during charging, the battery pack is faulty. Stop charging and replace the battery pack by a new one.



Battery Pack Connection

Discharging the Battery Pack

Continued use of the battery pack will reduce the chargeable volume. To prevent this, discharge the battery pack about every 20 chargings. This will recover the chargeable volume, and will allow the printer to be used for a longer time.



1 After following steps 1 to 4 in "Charging the battery pack", press the DISCHARGE button.

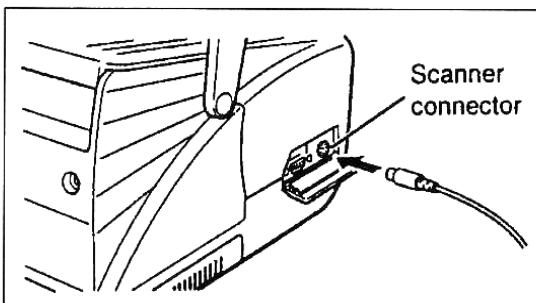
- Pressing the DISCHARGE button will cause the battery charger lamp to flash on and off in green (discharge for about 8.5 hours). Then the lamp will light up in red (charge for about 2.5 hours).
- The maximum charging time is about 11 hours, though it may vary according to battery conditions.
- After charging, the battery charger lamp will light up in green.

Options

Installing the Scanner

Instead of entering data from the keyboard, the scanner reads the barcode printed on the label and enters it. (Some of the key inputs will become unnecessary).

How to connect the scanner



1

Turn off the printer power and insert the scanner plug into the scanner connector.

When inserting the plug, check the position of the connector hole to ensure that there is no mistake in up/down direction. The plug must be inserted firmly all the way to the base portion.

Options

Your printer has the capability to store information to be used in your label designs (Formats). These can be either stored in your printer's own memory or to an optional memory card. This card can also be used to back up your formats for security or to copy them to another printer.

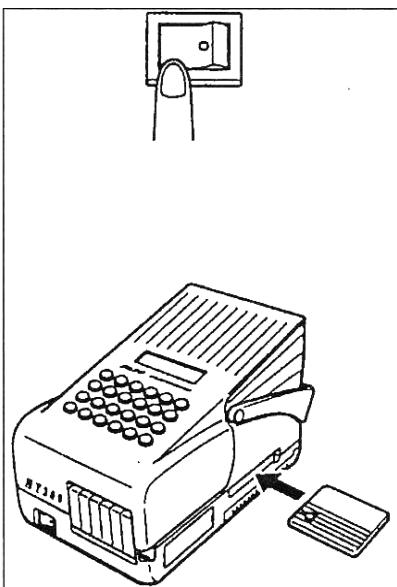
Installing the Memory Card

To register the preset data, you can use the PC card.

Installing the Memory Card

IMPORTANT!

Before using a new PC card, clear it.



Make sure that the Eject button on the right of the slot is slightly ejected when the PC card is inserted in position.

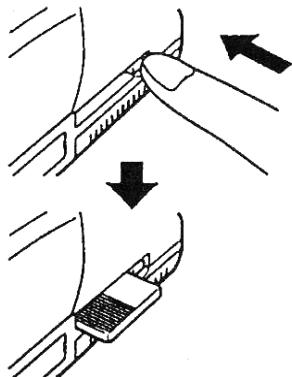
1 Turn off the main unit power.

2 Open the card slot cover in the upward direction on the right side of the main unit, and insert the PC card in it. With the "Δ" marked side of the PC card facing upward, insert it in the illustrated direction.

IMPORTANT!

If you force the card into position by reversing the direction, the main body of the card and main unit connector may be damaged. Sufficient care must be taken to prevent it.

Removing the Memory Card



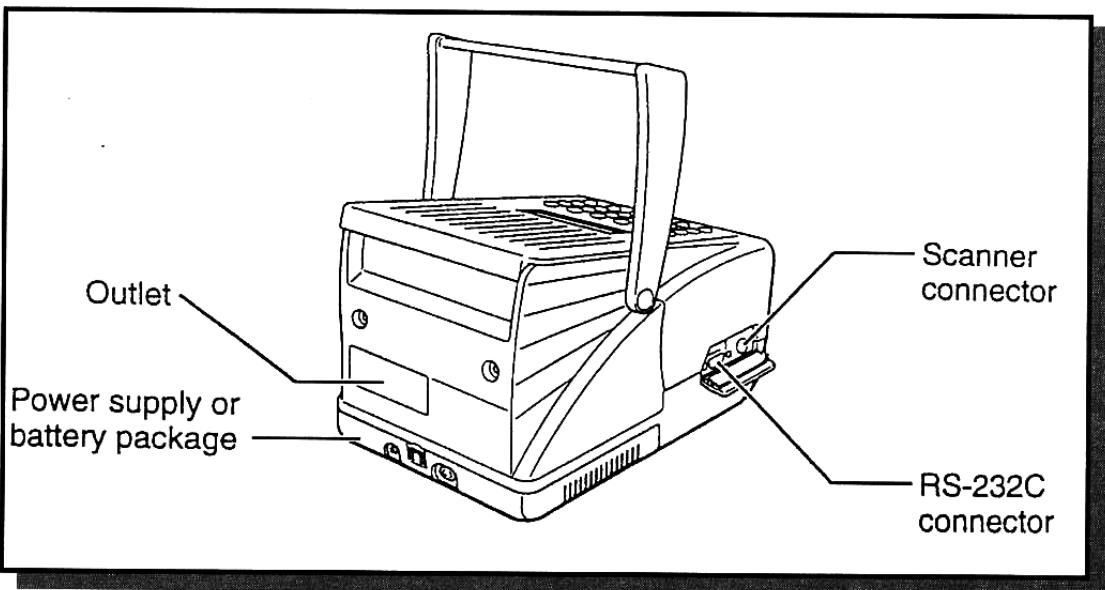
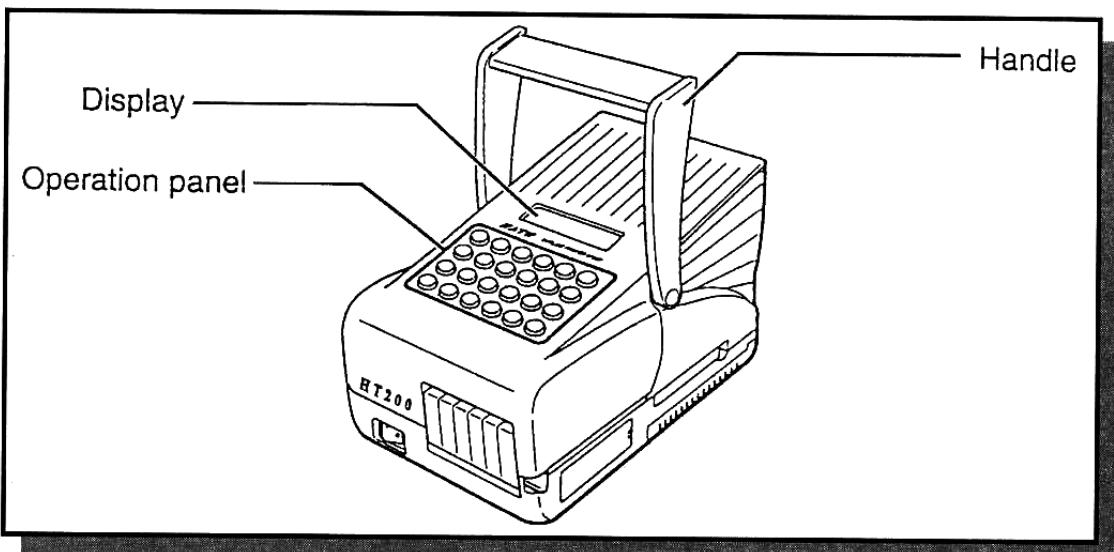
1 Press the Ejector button on the right side of the slot.

2 The PC card will be ejected slightly, so pull out the PC card.

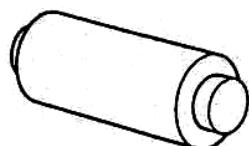
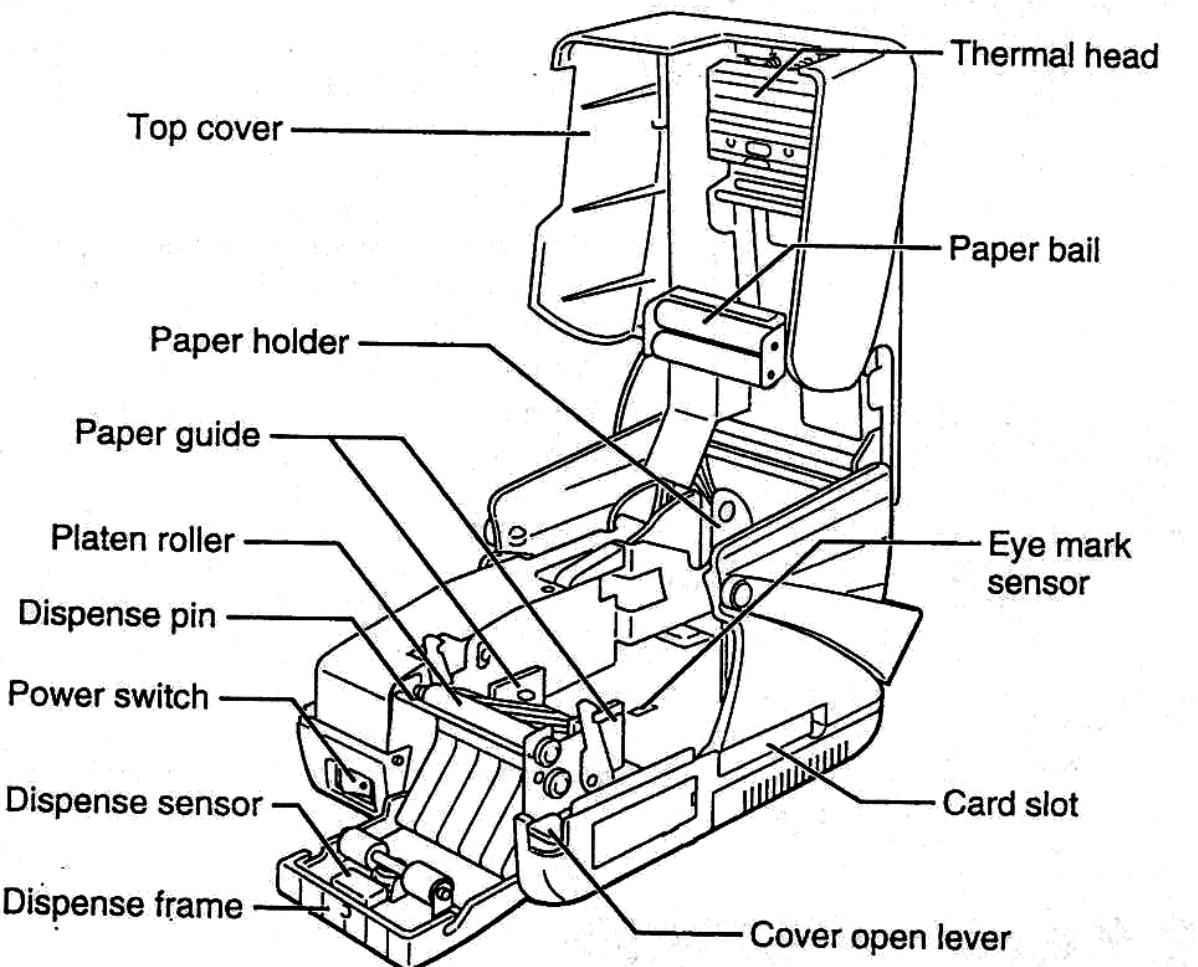
- Before inserting or removing the PC card, be sure to turn off power of the printer main unit: otherwise, the PC card, circuit board or main printer may be damaged.
- If the PC card is not set, keep the card cover closed to prevent entry of foreign substances.

Working with your printer

Names of Individual Parts



Working with your printer



Reel Holder

Sato HT200e Quick Start Guide



Press pink button to open case.



Open case.



Find roll holder.



Place roll holder into label core.



Place labels on holder into the printer.



Lay labels along printer base.



Ensure label guides touch labels.



Ready to close the lid.



Apply pressure to centre of lid to lock case.



Switch on the power.



Key in the format number you wish to use.



Press ENTR button.



Type in the price.



Use the FNC1 Key to change £1.00 (Pound) to 99p (Pens).



Enter only the numbers decimal point is automatic. For £1.00 enter 100 only.



Press ENTR button.



QTY. How many do you want to print?



Type in the quantity.



Press ENTR button.



Tear labels up against the straight edge.

Explanation of main keys you will need

FNC1 When price is prompted on screen pressing FNC1 gives you the option to change from £1.00 price printing (pounds) to 99p (Pens)
Use <> keys to select.

<> These two keys move the flashing cursor to the position that you want to change.

A/C This key when pressed clears the display, you can use this to cancel if a mistake is made in a price etc.

S/S This means start/stop and is used to halt or pause whilst printing.

Feed This will feed the labels out of the printer without printing on them. You may want to use this to ensure you can tear off the labels without damaging the printed ones.

Fixed Formats

Your printer comes with 29 fixed formats (label Designs

PLU Barcodes



Format 01
This is an EAN 8
barcode with price and
three digit human code



Format 02
This is an EAN 8
barcode
The flag 50 is fixed
with price and three
digit human code



Format 03
This is an EAN 13
barcode, with price and
three digit human code



Format 04
This is an EAN138
barcode. The flag 50 is
fixed, with price and
three digit human code

Non PLU Barcodes



Format 05
This is an EAN 8
barcode. It needs a Non
PLU flag, the human
code and the price are
included in the
Barcode.



Format 06
This is an EAN13
barcode. It needs a Non
PLU flag, the 5 digit
item code and 3 digit
price are included in
the Barcode. There is
also a price check digit.



Format 07
This is an EAN13
barcode. It needs a Non
PLU flag, the 5 digit
item code and 5 digit
price are included in
the Barcode.



Format 08
This is an EAN13
barcode. It needs a Non
PLU flag. The 6 digit
item code and 4 digit
price are included in
the Barcode.



Format 09
This is an EAN13
barcode. It needs a Non
PLU flag. The 4 digit
item code and 6 digit
price are included in
the Barcode.



Format 11
This is an EAN13
barcode. It needs a Non
PLU flag. The 5 digit
item code and 5 digit
price are included in
the Barcode. There is
no human readable.



Format 12
This is an EAN13
barcode. It needs a Non
PLU flag. The 4 digit
item code and 6 digit
price are included in
the Barcode. There is
no human readable.

Fixed Formats

Non PLU Barcodes

589 £1234.56



1234 5687



9876 4532

Format 14

This is 2 EAN8 barcodes. Not normally PLU, price and 3 digit human code.

258 £1234.56



1 234567 890128



9 876543 219878

Format 15

This is 2 EAN13 barcodes. Not normally PLU, price and 3 digit human code.

Price Reductions

HT200e will calculate discount for you on these formats to set the discount

% see [Adjusting the Discount Rate](#) section of this manual

WAS £1234.56

NOW £925.92

REDUCED



10501234567890009258

WAS £123.45
NOW £92.58

Format 16

Here you enter the WAS price. The printer calculates the discount.

Format 17

Here you input the EAN13 barcode and the WAS price. The Now price is calculated. The EAN13 and the "NOW" price are added into the new barcode (Code 128). There is also a prefix of 10 in this code which acts as an application identifier.



10501234567890009258

REDUCED

WAS £123.45
NOW £92.58

Format 18

Is the same as format 16. The only difference is the layout.

WAS £1234.56

LESS 25%

NOW £925.92

Format 19

Is the same as format 16. The only difference is the layout.

Format 25

Here you enter the WAS price. The printer calculates the discount. In this case the discount amount is also displayed on the label.

Fixed Formats

Simple Data and Price

1234567890ADJMV
£1234. 56

Format 10

Here we have a single line of 15 characters which can be a mixture of Alpha and Numeric along with a price.

123456789013456
ADGJMPSVADGMPSV
£1234. 56

Format 13

Here we have a two lines of 15 characters which can be a mixture of Alpha and Numeric along with a price.

VAT Calculation

VAT	£216.04	EX. VAT	£1234.56
INC. VAT	£1450. 60		

Format 23

Here you enter the EX VAT amount and the printer does the rest. The VAT rate can be altered please refer to Adjusting VAT Rate section of this manual.

VAT	£216.04	EX. VAT	£1234.56
			
5 012345 678900			
INC. VAT	£1450. 60		

Format 24

Here you enter the EX VAT amount and the printer calculates all the values. It also needs data to make or copy an EAN 13 barcode. The VAT rate can be altered please refer to Adjusting VAT Rate section of this manual.

Unit Pricing

These are formats to conform to the legislation that requires retailers to show the equivalent price of goods to a standard capacity value. Retailers are advised to contact Trading Standards Department for full details of the legislation.

PSVGJMA145678932
VSPMJDAPSVGJMA
1 . L
£123. 45
£82.30/1 L
10/04/02

Format 26

At prompt "UNIT Vols" press FNC1 and select the legal unit. Arrow keys allow you to move about the screen. Press ENTR. "Pack size": just enter the numeric value (not the symbol). Enter the pack price. You can then enter two line of 16 digits Alphanumeric. Then you can enter days to add to today's date.

1234567901234569
1234679901234678
750ml
£0. 99
£0.132/100ml

Format 27

At prompt "Unit Vols" press FNC1 and select the legal unit. Arrow keys allow you to move about the screen. Press ENTR. "Pack size": just enter the numeric value (not the symbol). Enter the pack price. You can then enter two line of 16 digits Alphanumeric.

Fixed Formats

Euro Pricing

HT200e will calculate a conversion from your local currency into Euro. The conversion rate can be changed. Please refer to the Adjusting Conversion Rate section of this manual.



Format 20
Here you enter the local currency price and the printer calculates Euro value. It also needs data to make or copy an EAN 13 barcode. The conversion rate can be altered. Please refer to Adjusting Conversion Rate section of this manual.



Format 21
Here you enter the local currency price and the printer calculates Euro value. The conversion rate can be altered. Please refer to Adjusting Conversion Rate section of this manual.



Format 28
This is the same as format 20 but with the addition of two lines of text. It needs a larger label



Format 29
This is the same as format 21 but with the addition of two lines of text. The larger label allows for pre-print.

Shelf Edge label



Format 22
This contains one line of 20 digits Alpha/numeric text plus two of 10 digits, a price and EAN 13 barcode.

In addition to this there are 10 formats which are available to be set up to your own design. Your supplier will be pleased to do this for you at a small charge.

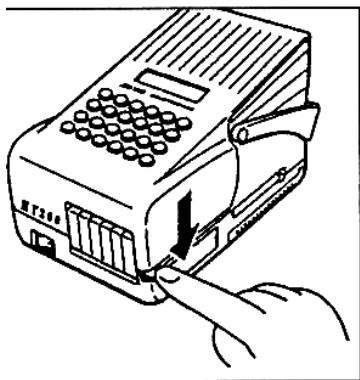
These can include text, barcodes, prices & dates

LOADING THE LABELS

This printer will produce labels in two modes: "continuous or dispense".

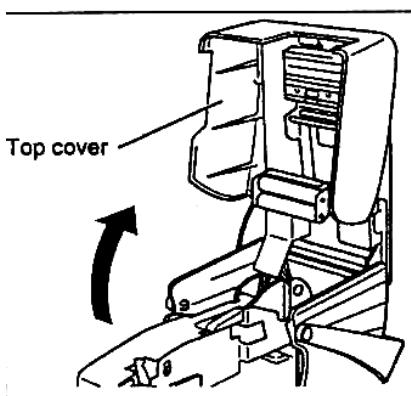
For continuous follow steps 1 to 7.

For dispense follow steps 8 to 13.



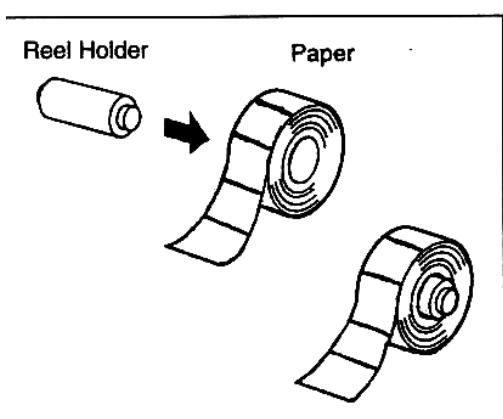
1

Press the cover open lever on the right side of the printer.



2

Open the top cover by pulling it upward.



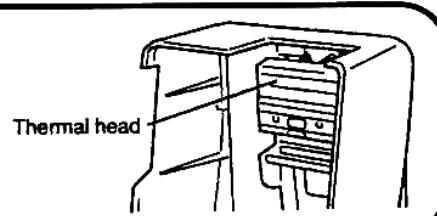
3

Place paper on core.

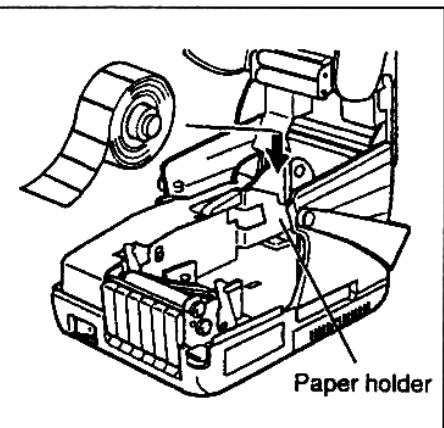


! CAUTION !

- Immediately after printing, the thermal head on the top cover and its surrounding has a high temperature.
- Sufficient care must be taken not to burn your hand when setting paper immediately after printing.
- If you touch the end of the thermal head by hand, you may be injured. Take care to prevent this.

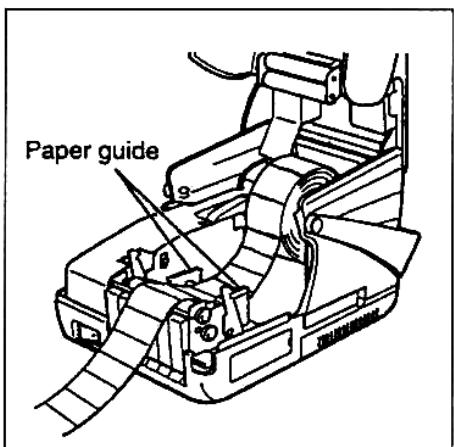


LOADING THE LABELS



4

Set paper to the paper holder.
The paper must be set with the printed side facing upward.



5

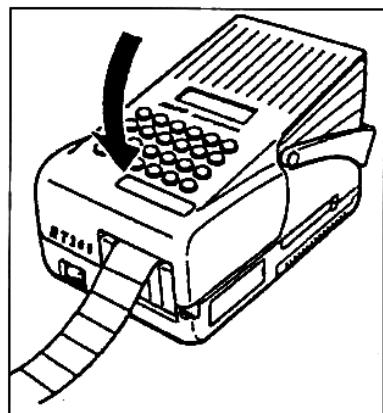
Pass paper through the paper guide.

6

Close the paper guide according to paper size

Proceed to the next page in the dispense mode.

When in continuous mode

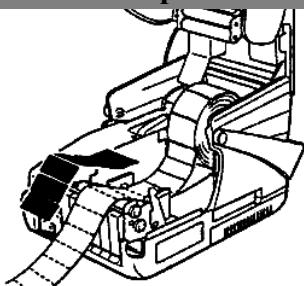


7

Protrude the paper tip 5 to 6 cm from the main unit and close the top cover.
Close it firmly until you hear it click.

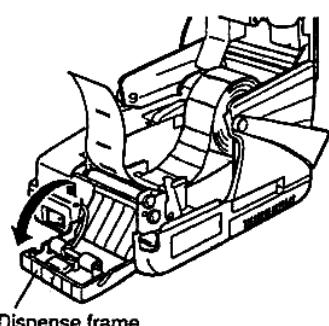
LOADING THE LABELS

For dispense mode



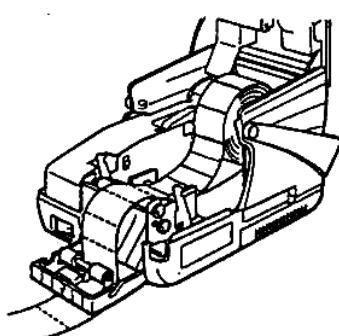
8

Make sure that you have already followed up steps 1 to 5.



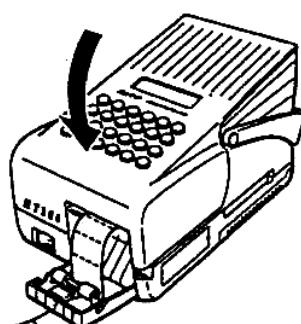
9

Peel 5 or 6 labels off the backing paper.



10

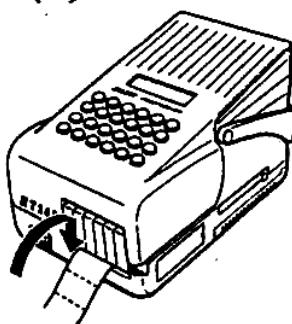
Push up the dispense frame on the front of the main unit and open it



11

Pass the backing paper through the opening of the dispense frame from the top of the dispense pin.

Do not pass it between the dispense pin and the platen roller



12

Close the top cover.

Close firmly until you hear it click.

13

Press down the dispense frame and close it.

For batches of labels
Continuous mode is best

With Dispense
mode the backing is peeled
and the label ready to apply

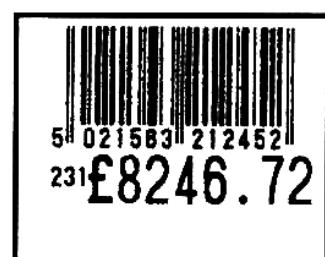
PRINTING LABELS

All you need to do is:-
Select the format number / key in the data &
number of labels required.

TRY IT:-

1. Select format No.: FMT 3.
2. The screen will prompt “BARCODE” enter 12 numbers.
Press ENTR key.
3. Now enter a three digit or less code number.
press ENTR key.
4. You can now enter a price if you wish.
NOTE:- The printer will put the last two digits as the pence.
The decimal point is automatically put in.
5. Now you need to enter the number of labels required.
Press ENTR.

Your label should look
like this



Initial Printer Settings

<p>1 Format No [00] HT200e</p> <p>Enter 00, press ENTR.</p>	<p>2 SAVE PRESET TO <u>INT RAM</u> OPT CARD</p> <p>Use <> Keys to select. Press ENTR.</p>	<p>3 Print <u>NORMAL</u> DEMAND</p> <p>Use <> Keys to select. Press ENTR.</p> <p>Note Demand mode is only suitable for labels 25~50mm long</p>
<p>4 CHECK LABEL <u>YES</u> <u>NO</u></p> <p>Use <> Keys to select. Press ENTR.</p> <p>Note Check label can be printed after each job to separate jobs and for early warning of print deficiencies.</p>	<p>5 GUARD BARS <u>NORMAL</u> LONG</p> <p>Use <> Keys to select. Press ENTR.</p> <p>Note Only effects EAN Barcodes</p>	<p>6 CALENDAR PRINT <u>NOPRINT</u> PRINT</p> <p>Use <> Keys to select. Press ENTR.</p> <p>Note Activates the printing of current date in fixed formats.</p>
<p>7 PRICE POSITION <u>UPPER</u> LOWER</p> <p>Use <> Keys to select. Press ENTR.</p> <p>Note Moves price from above barcode to below in fixed formats</p>	<p>8 PRICE FONT <u>NORMAL</u> BIG</p> <p>Use <> Keys to select. Press ENTR</p> <p>Note Changes the size of the price in fixed formats. Not available if Calendar print is activated</p>	<p>9 PRICE FORMAT <u>UK</u> EUROPE</p> <p>Use <> Keys to select. Press ENTR</p> <p>Note Reverses the position of the “, &.” To suit European needs €1.999,55 is typical.</p>
<p>10 PRINT PRE SET NO <u>PRINT</u> NOPRINT</p> <p>Use <> Keys to select. Press ENTR</p> <p>Note Activates printing of the storage number when printing with pre set Data.</p>		

How to use the formats

1 Format No
[00]

HT200e

Enter 04, press ENTR.

2 [BARCODE] *
50.....C

Key in ten digits.
Press ENTR.
You must fill all ten.

3 [CODE]

Key in three digits.
Press ENTR

Note You can leave this blank

4 [PRICE]
£----

Key in a price, press ENTR.

Note Decimal point will
automatically be inserted therefore
for £1.00 you must enter 100

5 QTY

Enter quantity required.
Press ENTR

6 PRINTING

Will return to screen 1
when printing is complete

Selecting the Currency Unit sterling only

1 Price
£-----

Press FNC1.

2 Currency Changer
Pound Pens

Use \diamond to select style

When pence is selected the prompt screen will not change,
but the “p” will become the currency mark and follow the
Price, “£” will not be printed.

To adjust the discount rate

1

Was 23%
£-----

Press FNC1.

2

Reduce Rate
Fix Variable

Use \diamond Keys to select
Press ENTR

3

If fix

[CODE]

Key in three digits.
Press ENTR

Note You can leave this blank

4

If variable

[PRICE]
£-----

Key in a price, press ENTR.

Note Decimal point will
automatically be inserted.
Therefore for £1.00 you must enter
100

To adjust the conversion rate

Formats 20, 21, 28 & 29

1

Price
£-----

Press FNC1.

2

Exchange Rate
[0000-0000]

Use \diamond Keys to select

Press ENTR

*Note; take care with
decimal point as it does not
move. You must enter four
digits with leading zeros if
needed.

Notes :-

- If the result of the conversion calculation is less than 0.001 no value will be printed.
- An exchange rate must be entered for this format to work.

Warning

**It is essential for anyone who uses this format to ensure that the correct
Exchange rate is selected**

Adjusting the VAT Rate

Formats 23 & 24

1

Ex VAT
£-----

Press FNC1.

2

VAT Rate
[--.] %

Enter the VAT rate press
ENTR

Notes

- **An exchange rate must be entered for this format to work.**
- **If a VAT rate is not set up the printer will automatically go into this sequence to enable it to work.**

Memory Cards



Optional memory cards can be purchased for your printer. These should be purchased only from a recognised SATO Dealer to ensure they actually work.

These can be used either to back up your formats (30~39) (Your supplier will explain this to you if needed) or to hold preset data which is explained later in this manual.

Preset Data

Preset data is a means to store data which you wish to use in the formats. This means that rather than enter large amounts of information every time you wish to print you can simply recall the data needed by entering a four digit number or scanning a special barcode containing that number.

Storing Preset Data

HT200e will store 300 sets of data in it's own memory and a further 1,000 on the optional memory card.

1 Format No
[00]

HT200e

Press RCL.

2

[PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.
STR (Store)
Press ENTR

3

PRESET F-NO. [...]

Enter the number of the
format that you wish data
to be printed in, press
ENTR.

4

PRESET NO.INPUT*
.... <STORE>

Enter the number you
wish to store the data
under, press ENTR.

5

PROMPT
.....

You will now go through
the prompts as if you were
printing the label. Enter the
data you wish to store.
Press ENTR after each
one.

6

PRESET NO.INPUT*
000? <STORE>

You must continue through
to this screen otherwise
your data will not be
stored. You will see that
the number has now
advanced automatically to
the next available number.

1

Format No
[00]

HT200e

Press RCL.

2

[PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.
MODIFY
Press ENTR

3

PRESET NO INPUT
--- <MODIFY>

Enter the stored number
for the data you wish to
change. Press ENTR.
You will now go through
the format and can
change any of the data.

Printing Preset Data

1 Format No
[00]

HT200e

Press RCL.

2 [PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.

PRINT

Press ENTR

3

Enter the stored number
for the data you wish to
change. Press ENTR.
Follow the prompts on
screen and print the label.

Deleting Preset Data

1 Format No
[00]

HT200e

Press RCL.

2 [PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.

Del (Delete)

Press ENTR

3

PRESET NO INPUT

<DELETE>

Enter the stored number
for the data you wish to
delete. Press ENTR.

4 PRESET DELETE OK
??-000? Y/N

If you are happy with the
number use <> keys to
“Y” and press ENTR.

5 PRESET DELETED

This will display for a few
seconds then move to next
screen.

6

[PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Now you can delete more
or move to another
function.

Preset Dump Print

In this area you can print a set of samples for all or some of the labels you have stored. These are often used to form a menu book to easily find the data/label you need to print.

1 Format No
[00]

HT200e

Press RCL.

2 [PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.

DUMP

Press ENTR.

3

INT RAM OPT CARD

Use <> Keys to select area
that data is stored in. Press
ENTR.

4 PRESET NO. INPUT
....-.... <DUMP>

Enter the numbers you
wish to print out (first
and last). Leave blank and
press ENTR if you wish
to print all the saved
labels.

5 PRINTING

This will display until print
complete.

Preset Data

Preset Master Print

Here the printer will now produce a small barcode label with the number of a saved label. These can be used to index your menu book and with the scanner, can be used for quick access to the saved labels

1

Format No
[00]
HT200e

Press RCL.

2

[PRESET]
PRINT STR MODIFY
DEL DUMP MASTER

Use <> Keys to select.
MASTER
Press ENTR.

3

PRESET NO. INPUT
..... <MASTER>

Use <> Keys to select area
that data is stored in. Press
ENTR.

4

PRESET NO. INPUT
..... <DUMP>

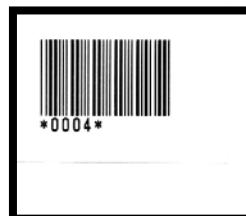
5

PRINTING

This will display until print
complete.

Enter the numbers you
wish to print out (first
and last. Leave blank and
press ENTR if you wish
to print all the saved
labels.

Example of Preset Menu Book



Use the barcode to scan at the preset number input stage for quick access to your label data.

PRINTER CARE & MAINTENANCE

To ensure high-quality printing and to prevent possible trouble, clean the equipment at regular intervals.

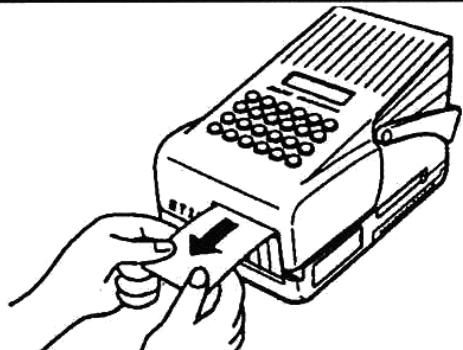
Time of maintenance

- Thermal head and platen roller (rubber roller).
 - After printing one roll of paper
- Label guide and eye mark sensor
 - After printing six rolls of paper
- Maintain the printer whenever printing is scratchy or blurred, and label is contaminated.



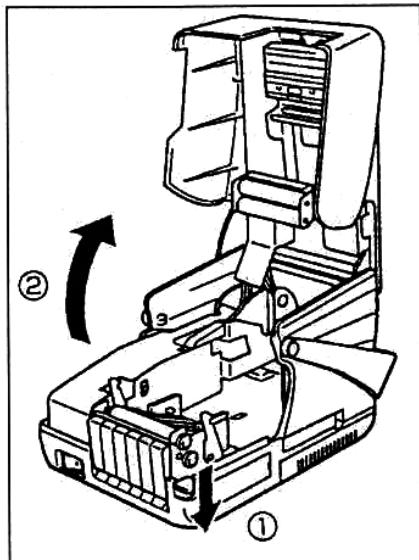
Precautions before starting maintenance

- Make sure that power is turned off before starting maintenance.
 - Use a swab or cotton cloth to various parts.
 - Use of a hard object such as screwdriver may damage the parts.
 - Never use such an object to clean the head in particular

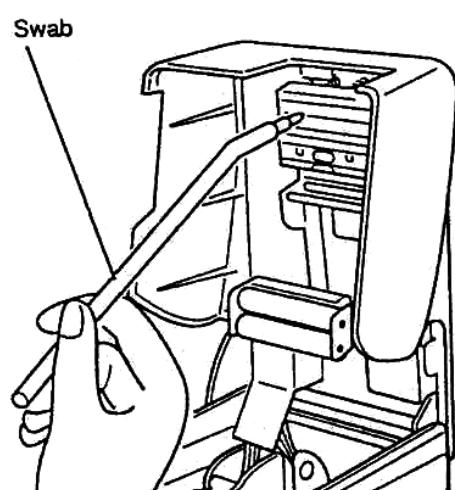


Use the blue lapping sheet included with your printer occasionally to remove stubborn deposits on the print head. This should not be used too often as it does have an abrasive effect on the head face. Light deposits should be removed on a Daily/Weekly basis with alcohol and swabs or alcohol wipes.

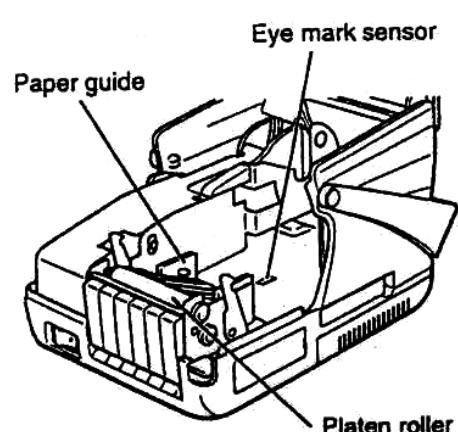
PRINTER CARE & MAINTENANCE



Cleaning the head



Cleaning the guide



Platen roller

1

Depress the cover open lever and open the top cover upward by hand as illustrated.

2

Clean the thermal head.

Immerse the swab in cleaning liquid and remove contamination from the thermal head.

3

Clean the paper guide and its surrounding.

Label paper dust easily deposits in the surrounding area of the paper guide.

4

Clean the platen roller.

5

Clean the eye mark sensor.

Error Messages

	Displayed Message	Measures
1	MEDIA PITCH ERROR	No more paper. Paper jammed. Please set or change paper correctly. Press [S/S] and printing continues.
2	COVER OPEN	Printer cover top is opened. Close the cover top firmly until you hear a click.
3	CHARGE PWR PACK	Please charge the battery.
4	PRINT BATT LOW	Memory card battery has run out. It is necessary to replace the internal battery.
5	CHNG PRINT BATT	Memory card battery has run out. Please change battery.
6	NO CARD SET	PC card is not inserted. Please set PC card into card slot.
7	PLS CLEAR CARD	An un-cleared PC card is being used. Please clear the card at data maintenance mode.
8	CARD BATT LOW	PC card battery has run out. Please use another printer or PC to back up the data before changing battery.

Error Messages

9	CHNG CARD BATT	PC card battery has run out. As the data in the card might be lost, you will need to store again.
10	WRITE PROTECT ON	Cannot write to PC card. Please ensure card is not write protected.
11	CONFIRM CLR TYPE	Wrong usage and clearing methods With respect to proper card usage, please clear again.
12	BLANK FORMAT	An unregistered format number has been inputted. Please confirm format no.
13	DATA ERR	Inputted value, setting exceeded specified limits. Please input values within specified limits.
14	C/D VERIFY ERR	Wrong input of check digit. Please input check digit.
15	NO UP LOAD DATA	There is no preset, parameter, etc, data to be transmitted
16	INTERFACE ERR	Error in RS-232C interface. Please confirm printer's and host computer's interface mode. (Interface speed, data length and parity)
17	HEAD ERR	Error in printer head. Clean the head surface, switch on the printer again and confirm.

Error Messages

18	HEAD OVERHEATED	The head functions at an unusually high temperature. Please switch OFF the power, wait for a while and resume printing.
19	PRINTER H/W ERR	There is an abnormality in the printer itself. Switch OFF the printer, wait a while before switching it on again.
20	PRE SET NO ERR	An unregistered preset number has been inputted. Please confirm the number.
21	PRE SET FULL	The amount of preset data entries has exceeded the capacity.
22	NO DUMP DATA	Preset data for dump printing is not registered.
23	BLANK PRESET NO	An unregistered preset number has been inputted. Please confirm the number.

Inputting Data

- Numeric keys “2” to “0” all also have an ALPHA VALUE.
- To change to alpha mode press [SET] for upper case and [SHFT] for lower case.
- Each push of the number key will show a different letter. All have three letters except “O” which has “Y,S and Blank”.
- To return to numeric press [SHFT] or [SET] again.
- The message “ALP” will show in the top right of the display.

Special Keys

- Key “1” gives the following symbols £*+!&%\$=/°
- Key “.” gives the following symbols ()<>,-;:’
- These are actioned by multiple presses of the key.

TROUBLE SHOOTING

PROBLEM	SOLUTION
BLANK SCREEN	CHECK POWER CONNECTIONS OR BATTERY PACK INSTALLATION
NO PRINT	<ol style="list-style-type: none">1. TURN OFF AND THEN TRY AGAIN.2. CHECK THE LABELS ARE LOADED CORRECTLY.3. CLEAN THE EYE MARK SENSOR AND PLATEN ROLLER.4. IF AN ERROR MESSAGE SEE ERROR LIST.5. CHECK TOP COVER CLOSED.6. TURN OFF AND CHANGE THE LABEL ROLL.
POOR PRINT QUALITY	<ol style="list-style-type: none">1. CLEAN THE THERMAL HEAD.2. CLEAN THE PLATEN ROLLER.3. TURN OFF AND CHANGE THE LABEL ROLL.
PRINT IN WRONG POSITION	<ol style="list-style-type: none">1. CHECK THE INITIAL SETTINGS.2. CLEAN THE LABEL PATH3. CLEAN THE EYE MARK SENSOR.4. CHECK THE LABEL SETTING.
WHITE LINES THROUGH PRINT OR THROUGH CHECK LABEL	HEAD NEEDS CLEANING OR MAY BE DAMAGED.

If unable to rectify contact your printer supplier for advice

Specifications

Print method	Direct thermal
Print head density	8 dots/mm
Maximum print area	48mm x 96
Print speed	60, 80 mm/sec 60mm/sec when used with battery power
Media size	Width 28~51mm Pitch 19mm~103mm
Printing mode	Continuous, Dispenser
Size	Width 132 x Depth 230 x Height 151mm
Weight	2.4kg (2.5kg with battery pack).
Environmental	Operating Temp 5~40° Humidity 30~80%,. But with no condensation. Storage temp 5~60° Humidity 30~90%, but with no condensation.
Font type	X1 (20x50 dots Alphanumeric) X2 (8x20 dots Alphanumeric) X3 (13x21 dots Alphanumeric) OCR-B (20x24 dots Numeric & English capital letters) Price Font (16x24 dots Numeric, £) POP1 (16x24 dots Numeric, £) POP2 (48x68 dots Numeric, £) POP3 (26x56 dots Numeric, £)
Bar code	EAN8, EAN13, UPC-A/E, NW-7, ITF, Code 39, Code 128 (Subset B(without control codes)/ Subset C)
Options	Battery, Battery charger, SRAM card (1mb, 2mb), Rewinder, Scanner.

MANUFACTURERS DECLARATION OF CONFORMITY

Product identification Product: Thermal Printer
Type: HT200e

Means of conformity

The product is in conformity with the EMC Directive 89/336/EEC, 92/31/EEC and 93/68/EEC based on test results using harmonised standards.

Standards used: EN55022: 1998 class B
EN61000-3-2: 1995+A1: 1998+A2: 1998
EN61000-3-3: 1995
EN55024: 1998

Test Report No. 21LE0062-YW

Test carried out by: A-PEX International 108, Yokowa-cho, Ise-shi,
Mie-ken, 516-11 Japan

Date: 08. 10. 2001

The product is in conformity with **Low Voltage Directive 73/23/EEC** based on test results using harmonised standards.

Standards used: EN60950/A11 : 1997

Test carried out by: TÜV Product Service & A-Pex International
Certificate No: AL 01 08 15569 024
Report No: 17G0139
Date: 24.08.2001

Manufacturer: Bar Code SATO Electronics **Lot 20, Jalan 223**
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Harwich, Essex CO12 4RR
United Kingdom

Signature: *T. C. Ghosh*
Function: **QUALITY MANAGER.**
Date: 19. November 2001

